

TABLE 1. A SUMMARY(including footnotes) OF ATLANTIC MARINE MAMMAL STOCK ASSESSMENT REPORTS FOR STOCKS OF MARINE MAMMALS UNDER NMFS AUTHORITY THAT OCCUPY WATERS UNDER USA JURISDICTION.

Total Annual S.I. (serious injury) and Mortality and Annual Fisheries S.I and Mortality are mean annual figures for the period ~~1999~~2000-20032004. The “SAR revised” column indicates ~~2005~~2006 stock assessment reports that have been revised relative to the ~~2003~~2005 reports (Y=yes N=no). If abundance, mortality or PBR estimates have been revised, they are indicated with the letters “a”, “m” and “p” respectively. For those species not updated in this edition, the year of last revision is indicated.

Species	Stock Area	NMFS Center	Nbest	Nbest CV	Nmin	Rmax	Fr	PBR	Total Annual S.I and Mort.	Annual Fish. S.I. and Mort. (cv)	Strategic Status	Revised
North Atlantic right whale	Western North Atlantic	NEC	<a href="#">306</a>	<a href="#">0</a>	<del>299</del> 306	0	0.1	0	<del>3.2</del> 2.8 <sup>a</sup>	<del>2.2</del> 1.6 <sup>a</sup>	Y	Y a,m
Humpback whale	Gulf of Maine	NEC	<a href="#">902</a>	<a href="#">.41</a>	647	0.04	0.1	1.3	3.6 <sup>3</sup> 0 <sup>b</sup>	2.6 <sup>3</sup> 4 <sup>b</sup>	Y	Y a,m,p
Fin whale	Western North Atlantic	NEC	<a href="#">2,814</a>	<a href="#">.21</a>	2,362	0.04	0.1	4.7	1.4 <sup>3</sup> 8 <sup>c</sup>	0.4 <sup>3</sup> 8 <sup>c</sup>	Y	Y m
Sei whale	Nova Scotia	NEC	<a href="#">N/A</a>	<a href="#">N/A</a>	N/A	0.04	0.1	N/A	0.4	0	Y	N (2005)
Minke whale	Canadian east coast	NEC	<a href="#">2,998</a>	<a href="#">.19</a>	<del>3,113</del> 2,552	0.04	0.5	<del>34</del> 26	<del>3.2</del> 2.8 <sup>d</sup>	<del>3.2</del> 2.6 <sup>d</sup>	N <sup>i</sup>	Y a,m,p
Blue whale	Western North Atlantic	NEC	<a href="#">N/A</a>	<a href="#">N/A</a>	308	0.04	0.1	N/A	0.2	0	Y	N (2002)
Sperm whale	North Atlantic	NEC	<a href="#">4,804</a>	<a href="#">.38</a>	3,768	0.04	0.1	5.7	0.4	0.2	Y	<del>Y</del> N a,m,p(2005)
Dwarf sperm whale	Western North Atlantic	SEC	<a href="#">395</a> <sup>e</sup>	<a href="#">.40</a>	298 <sup>e</sup>	0.04	0.5	3.0	0	0	N	<del>Y</del> N a,p(2005)
Pygmy sperm whale	Western North Atlantic	SEC	<a href="#">395</a> <sup>e</sup>	<a href="#">.40</a>	298 <sup>e</sup>	0.04	0.5	3.0	6	6	Y	<del>Y</del> N a,p(2005)
Killer whale	Western North Atlantic	NEC	<a href="#">N/A</a>	<a href="#">N/A</a>	N/A	0.04	N/A	N/A	0	0	N	N (1995)
Pygmy killer whale	Western North Atlantic	SEC	<a href="#">N/A</a>	<a href="#">N/A</a>	N/A	0.04	0.5	N/A	0	0	N	<del>Y</del> N a,p(2005)
Northern bottlenose whale	Western North Atlantic	NEC	<a href="#">N/A</a>	<a href="#">N/A</a>	N/A	0.04	N/A	N/A	0	0	N	N (1998)
Cuvier's beaked whale	Western North Atlantic	NEC	<a href="#">3,513</a> <sup>f</sup>	<a href="#">.63</a>	2,006 <sup>f</sup>	0.04	0.5	22	0	0 <sup>g</sup>	Y	<del>Y</del> N a,p(2005)
Mesoplodon beaked whales	Western North Atlantic	NEC	<a href="#">3,513</a> <sup>f</sup>	<a href="#">.63</a>	2,006 <sup>f</sup>	0.04	0.5	22	0	0 <sup>g</sup>	Y	<del>Y</del> N a,p(2005)
Mellon-headed whale	Western North Atlantic	SEC	<a href="#">N/A</a>	<a href="#">N/A</a>	N/A	0.04	0.5	N/A	0	0	N	<del>Y</del> N m(2005)
Risso's dolphin	Western North Atlantic	NEC	<a href="#">20,479</a>	<a href="#">.59</a>	12,920	0.04	0.48	124	<del>54</del> tbd <sup>i</sup>	tbd <sup>i</sup> 54(-34)	N	Y a,m,p
Pilot whale, long-finned	Western North Atlantic	NEC	<a href="#">31,139</a> <sup>h</sup>	<a href="#">.27</a>	24,866 <sup>h</sup>	0.04	<del>0.48</del> 5	<del>239</del> 249	<del>240</del> <sup>g</sup> tbd <sup>i</sup>	tbd <sup>i</sup> 240(-40)	N <sup>i</sup>	Y a,m,p

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Pilot whale, short-finned	Western North Atlantic	SEC	<u>31,139<sup>h</sup></u>	<u>.27</u>	24,866 <sup>g</sup>	0.04	<del>0.48</del> <u>0.5</u>	<del>239</del> <u>249</u>	<del>210<sup>a</sup></del> tbd <sup>i</sup>	<del>210</del> tbd <sup>i</sup> (.40)	N <sup>i</sup>	Y a,m,p
Atlantic white-sided dolphin	Western North Atlantic	NEC	<u>51,640</u>	<u>.38</u>	37,904	0.04	<del>0.48</del> <u>0.5</u>	<del>364</del> <u>379</u>	<del>38</del> tbd <sup>i</sup>	tbd <sup>i</sup> <del>38(.39)</del>	N <sup>i</sup>	Y m,p
White- beaked dolphin	Western North Atlantic	NEC	<u>3,486</u>	<u>.22</u>	N/A	0.04	N/A	N/A	0	0	N	Y stranding text data
Common dolphin	Western North Atlantic	NEC	<u>120,743</u>	<u>.23</u>	99,975	0.04	<del>0.48</del> <u>5</u>	<del>960</del> <u>1,000</u>	<del>119</del> tbd	<del>119</del> tbd(0.43) tbd <sup>i</sup>	N <sup>i</sup>	Y a,m,p
Atlantic spotted dolphin	Western North Atlantic	SEC	<u>50,978</u>	<u>.42</u>	35,745 <sup>j</sup>	0.04	0.5	357	0	0	N	<del>Y</del> N a,m,p(2005)
Pantropical spotted dolphin	Western North Atlantic	SEC	<u>4,439</u>	<u>.49</u>	3,010	0.04	0.5	30	0	0	N	<del>Y</del> N a,m,p(2005)
Striped dolphin	Western North Atlantic	NEC	<u>94,462</u>	<u>.40</u>	68,558	0.04	0.5	686	0	0	N	<del>Y</del> N a,m,p(2005)
Fraser's dolphin	Western North Atlantic	SEC	<u>N/A</u>	<u>N/A</u>	N/A	0.04	0.5	N/A	0	0	N	<del>Y</del> N m(2005)
Clymene dolphin	Western North Atlantic	SEC	<u>6,086</u>	<u>.93</u>	3,132	0.04	0.5	31	0	0	N	<del>Y</del> N a,m,p(2005)
Spinner dolphin	Western North Atlantic	SEC	<u>N/A</u>	<u>N/A</u>	N/A	N/A	N/A	N/A	0	0	N	<del>Y</del> N m(2005)
Bottlenose dolphin	Western North Atlantic, offshore	SEC	<u>54,739</u>	<u>.24</u>	71,382 <sup>j</sup>	0.04	0.5	714	27	27	N	<del>Y</del> N a,m,p(2005)
Bottlenose dolphin	Western North Atlantic, coastal	SEC	<u>N/A<sup>k</sup></u>	<u>N/A<sup>k</sup></u>	N/A <sup>k</sup>	0.04	<del>0.5</del> <u>N/A</u>	N/A <sup>k</sup>	N/A <sup>k</sup>	N/A <sup>k</sup>	Y	Y a,m,p
Harbor porpoise	Gulf of Maine/Bay of Fundy	NEC	<u>89,700</u>	<u>.22</u>	74,695	0.04	0.5	747	<del>473<sup>12</sup></del> <u>575<sup>l</sup></u>	<del>472</del> <u>574</u> (.17) <sup>i</sup>	N	Y m
Harbor seal	Western North Atlantic	NEC	<u>99,340</u>	<u>.097</u>	91,546	0.12	1.0	5,493	<del>1,051</del> <u>927</u>	<del>1032</del> <u>908</u> (.1718)	N	Y a,m,p
Gray seal	Western North Atlantic	NEC	<u>N/A</u>	<u>N/A</u>	N/A	0.12	1.0	N/A	<del>274</del> <u>370</u>	<del>141</del> <u>227</u> (.2622)	N	Y m
Harp seal	Western North Atlantic	NEC	<u>5.9 million</u>	<u>N/A</u>	N/A	0.12	0.5	N/A	<del>453</del> <u>962</u> <u>4</u> <u>06,691<sup>m</sup></u>	<del>368</del> <u>1(.5329)</u>	N	Y m
Hooded seal	Western North Atlantic	NEC	<u>N/A</u>	<u>N/A</u>	N/A	0.12	0.5	N/A	<del>5,594</del> <u>6,140<sup>n</sup></u>	<del>1625</del> (.148.82)	N	Y m
Sperm whale	Northern Gulf of Mexico Oceanic	SEC	<u>1,349</u>	<u>.23</u>	1,114	0.04	0.1	2.2	0	0	Y	<del>Y</del> N (2005)
Bryde's whale	Northern Gulf of Mexico Oceanic	SEC	<u>40</u>	<u>.61</u>	25	0.04	0.5	0.3	0	0	N	<del>Y</del> N

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Cuvier's beaked whale	Northern Gulf of Mexico Oceanic	SEC	<a href="#">95</a>	<a href="#">.47</a>	65	0.04	0.5	0.7	0	0	Y	<del>N</del> (2005)
Blainville's beaked whale	Northern Gulf of Mexico Oceanic	SEC	<a href="#">106<sup>15</sup></a>	<a href="#">.41</a>	76	0.04	0.5	0.8°	0	0	Y	<del>N</del> (2005)
Gervais' beaked whale	Northern Gulf of Mexico Oceanic	SEC	<a href="#">106<sup>15</sup></a>	<a href="#">.41</a>	76	0.04	0.5	0.8°	0	0	Y	<del>N</del> (2005)
Bottlenose dolphin	Northern Gulf of Mexico Continental shelf	SEC	<a href="#">25,320</a>	<a href="#">.26</a>	20,414	0.04	0.5	204	0	0	N	<del>N</del> (2005)
Bottlenose dolphin	Northern Gulf of Mexico Coastal	SEC	<a href="#">N/A</a>	<a href="#">N/A</a>	N/A	0.04	0.5	N/A	0	0	Y	<del>N</del> (2005)
Bottlenose dolphin	Northern Gulf of Mexico Oceanic	SEC	<a href="#">2,239</a>	<a href="#">.41</a>	1,607	0.04	0.5	16	0	0	N	<del>N</del> (2005)
Bottlenose dolphin	Gulf of Mexico bay, sound, and estuarine	SEC	<a href="#">N/A</a>	<a href="#">N/A</a>	N/A	0.04	0.5	N/A	N/A	N/A	Y	<del>N</del> (2005)
Atlantic spotted dolphin	Northern Gulf of Mexico (Outer continental shelf and Oceanic)	SEC	<a href="#">30,947</a>	<a href="#">.27</a>	24,752 <sup>p</sup>	0.04	0.5	248 <sup>p</sup>	0	0	N	<del>N</del> (2005)
Pantropical spotted dolphin	Northern Gulf of Mexico Oceanic	SEC	<a href="#">91,321</a>	<a href="#">.16</a>	79,879	0.04	0.5	799	0	0	N	<del>N</del> (2005)
Striped dolphin	Northern Gulf of Mexico Oceanic	SEC	<a href="#">6,505</a>	<a href="#">.43</a>	4,599	0.04	0.5	46	0	0	N	<del>N</del> (2005)
Spinner dolphin	Northern Gulf of Mexico Oceanic	SEC	<a href="#">11,971</a>	<a href="#">.71</a>	6,990	0.04	0.5	70	0	0	N	<del>N</del> (2005)
Rough-toothed dolphin	Northern Gulf of Mexico (Outer continental shelf and Oceanic)	SEC	<a href="#">2,223</a>	<a href="#">.41</a>	1,595 <sup>q</sup>	0.04	0.5	16 <sup>q</sup>	0	0	N	<del>N</del> (2005)
Clymene dolphin	Northern Gulf of Mexico Oceanic	SEC	<a href="#">17,355</a>	<a href="#">.65</a>	10,528	0.04	0.5	105	0	0	N	<del>N</del> (2005)
Fraser's dolphin	Northern Gulf of Mexico Oceanic	SEC	<a href="#">726</a>	<a href="#">.70</a>	427	0.04	0.5	4.3	0	0	N	<del>N</del> (2005)
Killer whale	Northern Gulf of Mexico Oceanic	SEC	<a href="#">133</a>	<a href="#">.49</a>	90	0.04	0.5	0.9	0	0	N	<del>N</del> (2005)
False killer whale	Northern Gulf of Mexico Oceanic	SEC	<a href="#">1,038</a>	<a href="#">.71</a>	606	0.04	0.5	6.1	1	1	N	<del>N</del> (2005)
Pygmy killer whale	Northern Gulf of Mexico Oceanic	SEC	<a href="#">408</a>	<a href="#">.60</a>	256	0.04	0.5	2.6	0	0	N	<del>N</del> (2005)
Dwarf sperm whale	Northern Gulf of Mexico Oceanic	SEC	<a href="#">742<sup>r</sup></a>	<a href="#">.29</a>	584 <sup>r</sup>	0.04	0.5	5.8 <sup>r</sup>	0	0	N	<del>N</del> (2005)

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Pygmy sperm whale	Northern Gulf of Mexico Oceanic	SEC	<a href="#">742<sup>r</sup></a>	<a href="#">.29</a>	584 <sup>r</sup>	0.04	0.5	5.8 <sup>r</sup>	0	0	N	<a href="#">N</a> (2005) <del>Y</del>
Melon-headed whale	Northern Gulf of Mexico Oceanic	SEC	<a href="#">3,451</a>	<a href="#">.55</a>	2,238	0.04	0.5	22	0	0	N	<a href="#">N</a> (2005) <del>Y</del>
Risso's dolphin	Northern Gulf of Mexico Oceanic	SEC	<a href="#">2,169</a>	<a href="#">.32</a>	1,668	0.04	0.5	17	0	0	N	<a href="#">N</a> (2005) <del>Y</del>
Pilot whale, short-finned <sup>s</sup>	Northern Gulf of Mexico Oceanic	SEC	<a href="#">2,388</a>	<a href="#">.48</a>	1,628	0.04	0.5	16	0	0	N	<a href="#">N</a> (2005) <del>Y</del>

- [1.a.](#) The total estimated human-caused mortality and serious injury to right whales is estimated at ~~3-22.8~~ per year (USA waters, ~~2-91.6~~; Canadian waters, 1.2). This is derived from two components: 1) non-observed fishery entanglement records at ~~2-21.6~~ per year (USA waters, ~~1-40.6~~; Canadian waters, ~~0-81.0~~), and 2) ship strike records at ~~1-9.2~~ per year (USA waters, ~~0-81.0~~; Canadian waters, 0.2).
- [2.b.](#) The total estimated human-caused mortality and serious injury to the Gulf of Maine humpback whale stock is estimated as 3.6 per year (USA waters, 2.6; Canadian waters, 0.6; St. Vincent and the Grenadines, 0.4). This average is derived from three components: 1) incidental fishery interaction records 2.6 (USA waters, 2.0; Canadian waters, 0.6); 2) records of vessel collisions, 0.6 (USA waters, 0.6; Canadian waters, 0; and 3) direct takes from the Bequian harvest, 0.4).
- [3.c.](#) This is based on a review of NMFS records from 1999-2003, that yielded an average of 1.48 human caused mortality; 1.0 ship strikes (all USA waters) and 0.48 fishery interactions/entanglements ([0.2 in Canadian waters](#), ~~0.2-4~~ in USA waters and 0.2 in Bermudian waters).
- [4.d.](#) During ~~1999-2000-2003-2004~~, the USA total annual estimated average human-caused mortality is ~~3-22.8~~ minke whales per year, [plus a pending number from the bycatch estimate](#). This is derived from three components: ~~0-a yet to be determined number of~~ minke whales per year (CV=~~0-0.7~~) from USA fisheries using observer data ([one minke whale bycatch was observed but this number has yet to be statistically extended](#)), ~~3-22.6~~ minke whales per year from USA fisheries using strandings and entanglement data, and ~~0~~ 0.2 minke whales per year from ship strikes.
- [5.e.](#) This estimate may include both the dwarf and pygmy sperm whales.
- [6.f.](#) This estimate includes Cuvier's beaked whales and undifferentiated *Mesoplodon* spp. beaked whales.
- [7.g.](#) This is the average mortality of undifferentiated beaked whales (*Mesoplodon* spp.)
- [8.h.](#) This estimate may include both long-finned and short-finned pilot whales.
- [9.i.](#) [Preliminary fishery mortality estimates have been generated for the years 2000-2004. The estimates will not be reported until scientific review is complete. Scientific review will be completed prior to the commencement of the Atlantic trawl take reduction team in September 2006. Mortality data are not separated by species; therefore, species-specific estimates are not available. This mortality estimate represents both long-finned and short-finned pilot whales.](#)
- [10.j.](#) Estimates may include sightings of the coastal form.
- [11.k.](#) Several seasonal management units have been defined for the coastal bottlenose dolphin. Each has a unique abundance estimate, PBR and mortality estimate provided in the Western North Atlantic coastal bottlenose dolphin species section of the text.
- [12.l.](#) The total annual estimated average human-caused mortality is ~~473-575~~ (CV=.17) harbor porpoises per year. This is derived from four components: ~~417-515~~ harbor porpoise per year (CV=0.17) from USA fisheries using observer and MMAP data, ~~48-55~~ per year (unknown CV) from Canadian fisheries using observer data, ~~6-84.2~~ per year from USA unknown fisheries using strandings data, and 1.2 per year from unknown human-caused mortality (a mutilated stranded harbor porpoise).
- [13.m.](#) The total estimated human caused annual mortality and serious injury to harp seals was ~~453,962-406,691~~. Estimated annual human caused mortality in US waters is ~~4486~~, derived from two components: 1) ~~36-81~~ harp seals (CV=0. ~~5328~~) from the observed US fisheries and ~~4-65~~ from average ~~1999-2000-2003-2004~~ strandings mortalities resulting from human interactions. The remaining mortality is derived from five components: 1) ~~1999-2000-2003-2004~~ average catches of Northwest Atlantic harp seals by Canada, ~~232,915-257,280~~; 2) ~~1999-2002 (2003 unavailable)-2000-2004~~ average Greenland Catch, ~~83,010-79,408~~; 3) ~~566~~ average catches in the Canadian Arctic (~~4,881 in each year~~); 4) ~~1999-2002 (2003 unavailable)-11,541~~ average bycatches in the Newfoundland lumpfish fishery, ~~18,566~~; and 5) ~~the 1999-2002 (2003 unavailable) 57,810~~ average struck and lost animals, ~~119,430~~.
- n. This is derived from two components: 1) ~~5-5786.114~~ from ~~1999-2003-2000-2004~~ (~~1999=3,375~~; 2000 = 5,988; 2001 = 6,414; 202 = 6,056<sup>+</sup>; and 2003 = 6,056<sup>+</sup>, and 2004=6,056<sup>+</sup>) average catches of Northwest Atlantic population of hooded seals by Canada and Greenland; and 2) ~~46-25~~ hooded seals (CV=~~1-140.80~~) from the observed U.S. fisheries; ~~2~~ (2000-2001 average Greenland catches).
- o. This estimate includes all *Mesoplodon* spp.
- p. This is the sum (24,707) of the minimum number of Atlantic spotted dolphins seen in the outer continental shelf (24,612) and the oceanic (95) regions combined, and the summed PBR. NOTE: The estimate (24,707) is slightly lower than the (24,752) given in this table and in the SAR text. The N<sub>best</sub> and the N<sub>min</sub> values in the SAR were calculated from the sum med estimates.
- q. This is the sum (1,442) of the minimum number of rough-toothed dolphins seen in the outer continental shelf (751) and the oceanic (691) regions combined, and the summed PBR. NOTE: The estimate (1,442) is slightly lower than the (1,595) given in this table and in the SAR text. The N<sub>best</sub> and the N<sub>min</sub> values in the SAR were calculated from the sum med estimates.
- r. This estimate includes dwarf sperm whales and pygmy sperm whales.
- s. This estimate includes all *Globicephala* sp., though it is presumed that only short-finned pilot whales are present in the Gulf of Mexico.

t. Strategic status determination for the current year will be completed when trawl fishery bycatch estimates are finalized. Status reported is that of the most recently published stock assessment report.